

FIG. 2

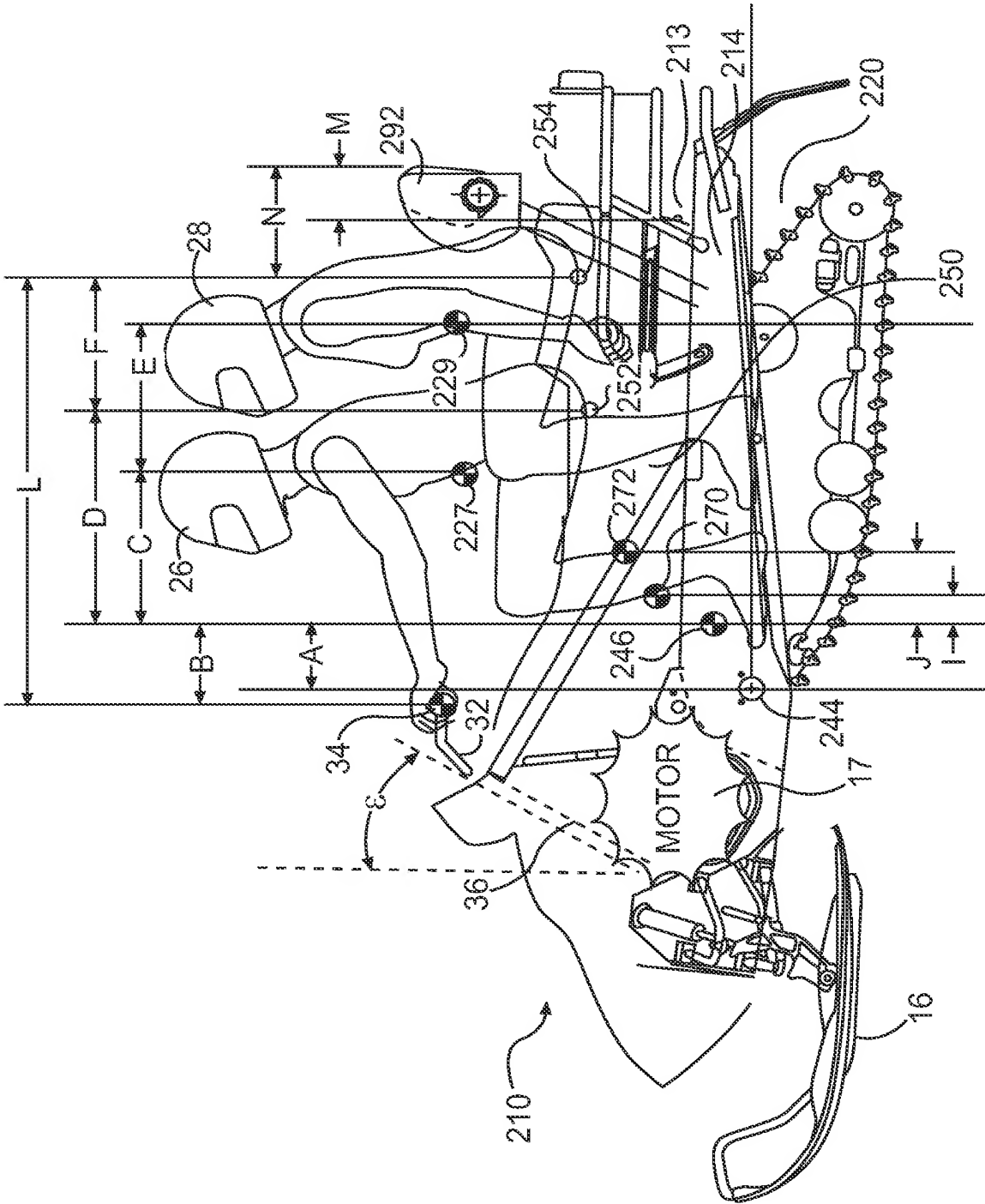


FIG. 3

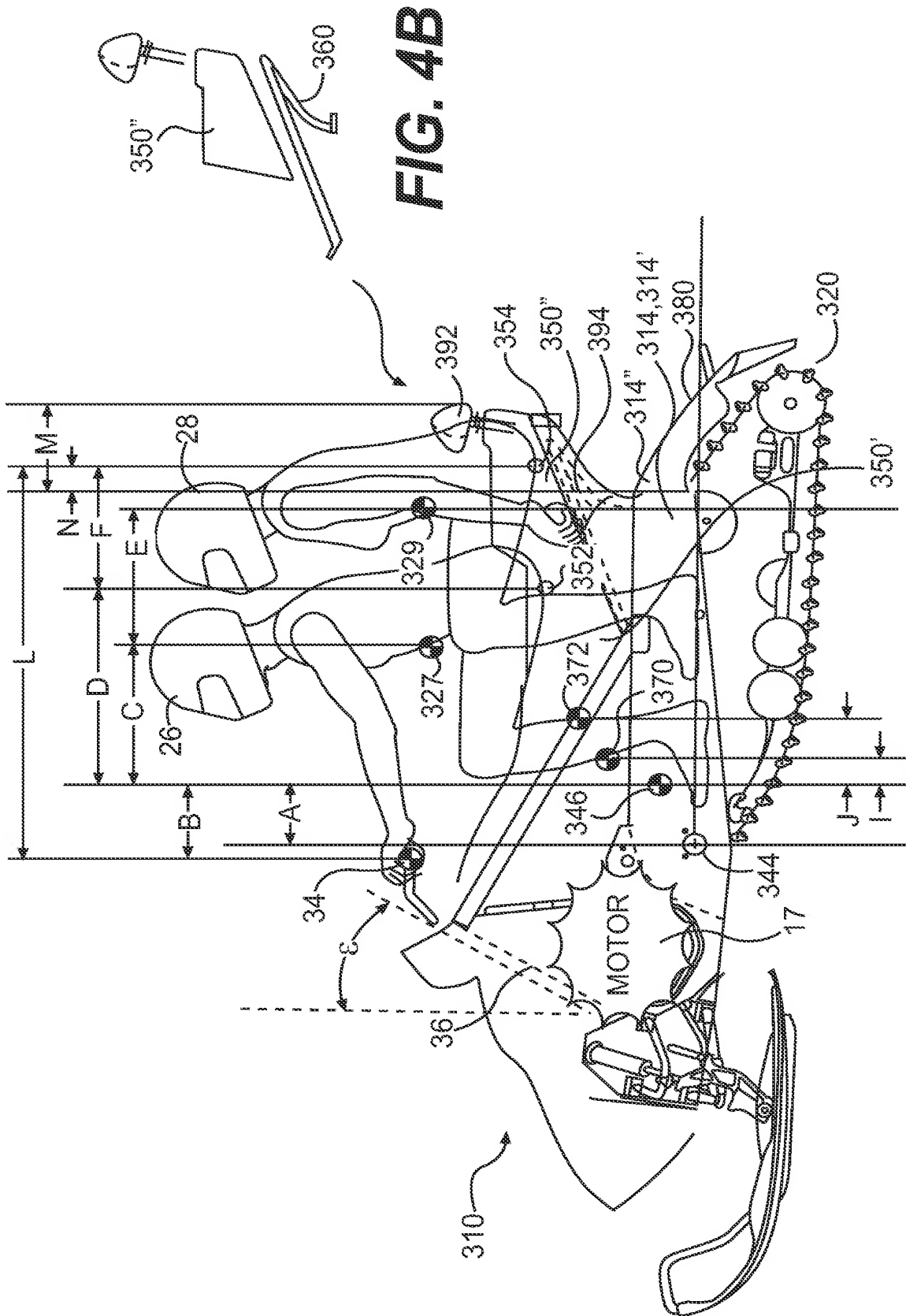
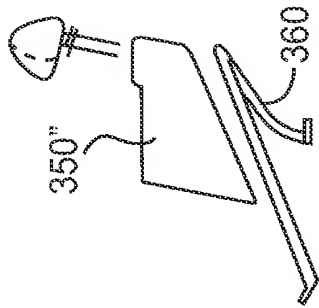


FIG. 4A

FIG. 4B



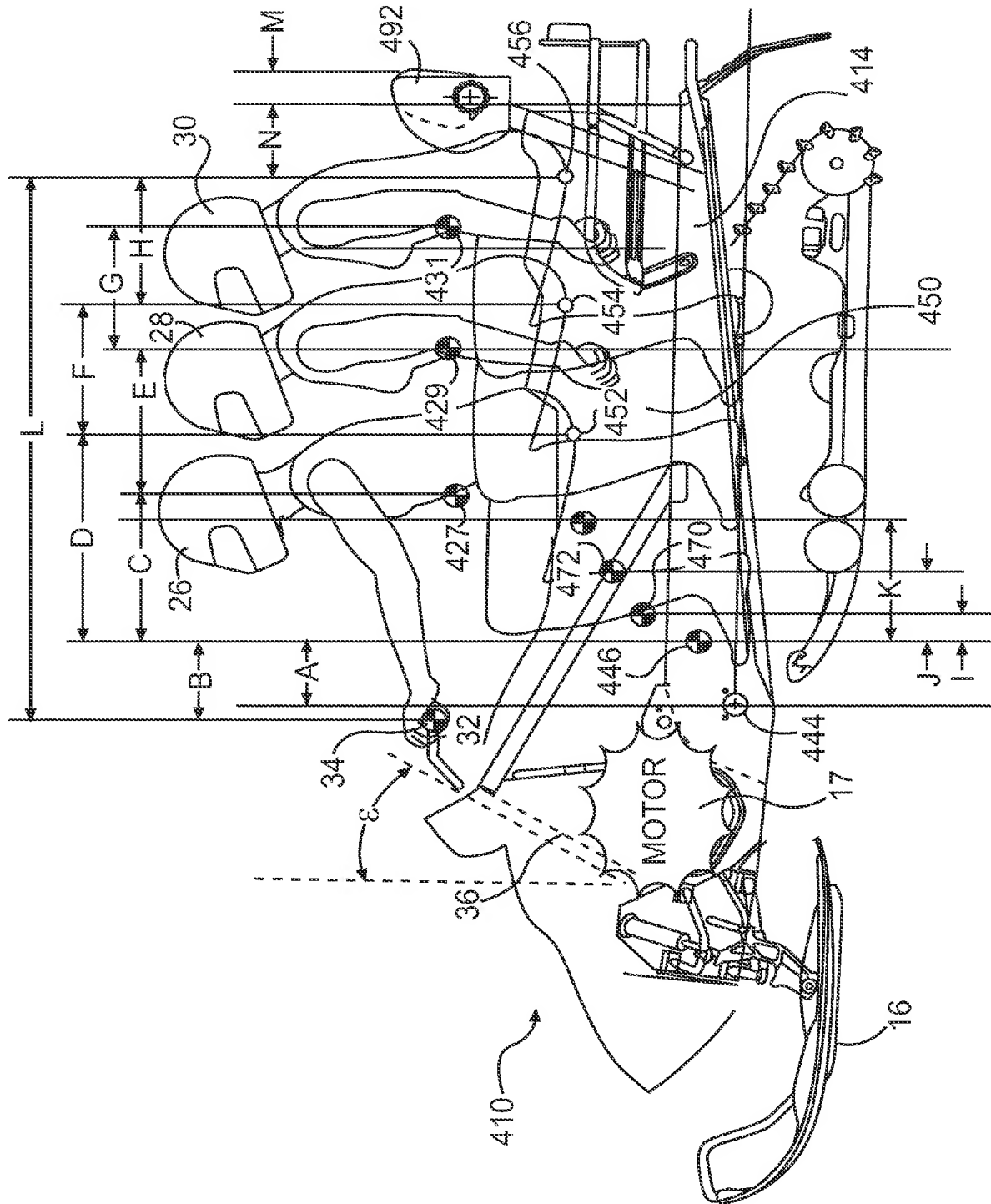


FIG. 5

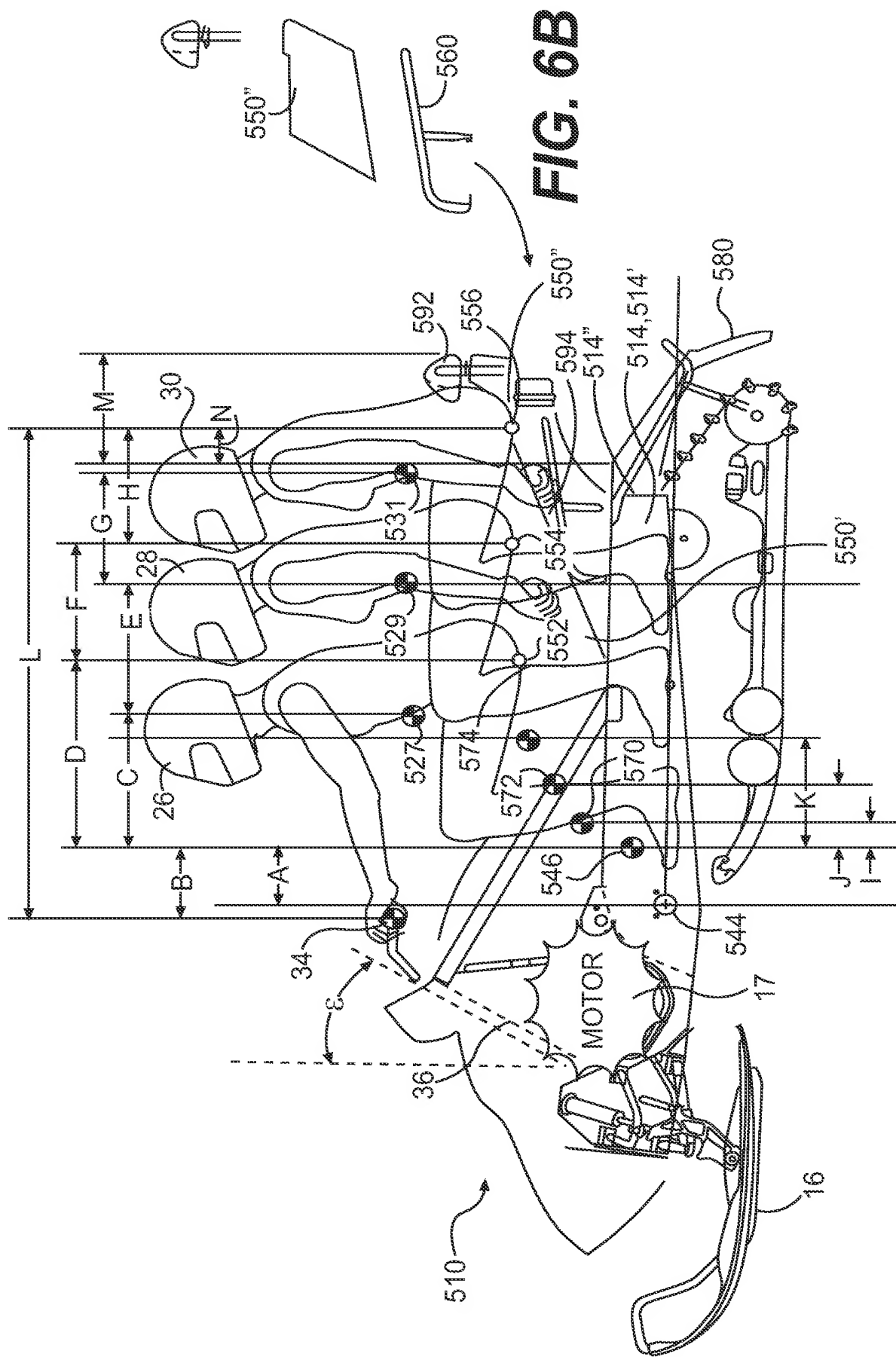


FIG. 6A

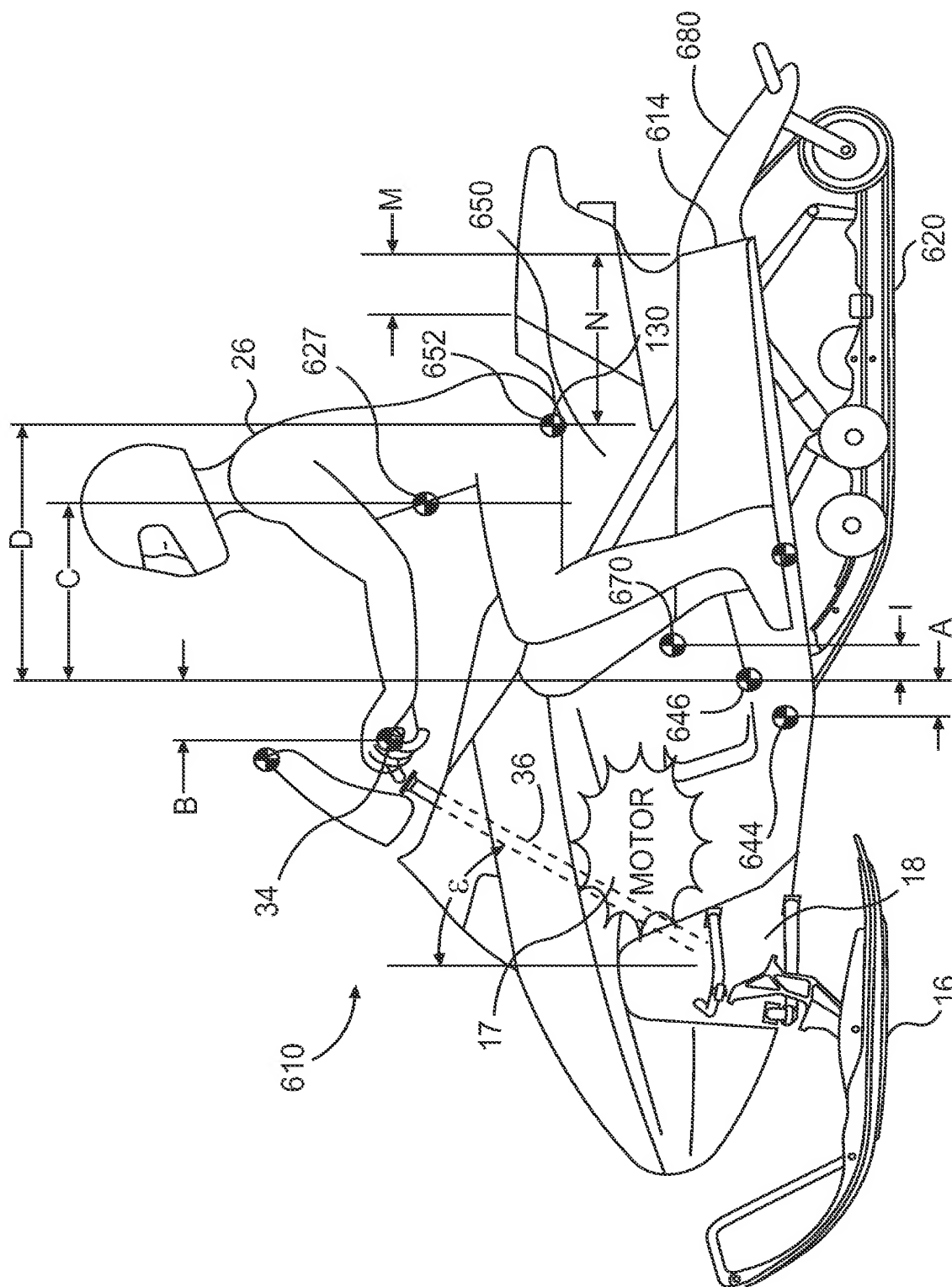


Fig. 1

Distance (mm)		VEHICLE INVENTION							
		Conventional							
		Long	Short	1st Embodiment 2-up Long (FIG. 2)	2nd Embodiment 2-up Long (FIG. 3)	3rd Embodiment 1+1 Short (FIG. 4A)	4th Embodiment 3-up Long (FIG. 5)	5th Embodiment 2+1 Long (FIG. 6A)	6th Embodiment 1-up Long (FIG. 7)
ref.#	from:								
A	forward axle	110	30	65	95	95	170	170	95
B	steering pos.	-160	-240	130	160	160	235	235	160
C	CG(vehicle)	645	725	350	320	320	245	245	320
D	CG(vehicle) seat pos(1)	795	875	500	470	470	395	395	470
E	CG(rider 1)	370	370	370	370	370	370	370	N/A
F	seat pos(1)	340	340	340	340	340	340	290	N/A
G	CG(rider 2)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
H	seat pos(2)	N/A	N/A	N/A	N/A	N/A	310	345	N/A
I	CG(vehicle)	180	160	70	50	50	60	70	50
J	CG(vehicle)	290	280	175	190	190	170	170	N/A
K	CG(vehicle)	N/A	N/A	N/A	N/A	N/A	300	300	N/A
L	steer pos.	975	975	970	970	970	1280	1285	N/A
M	back of frame	-50	0	100	-100	230	60	290	-110
N	back of frame	-290	-120	-130	-340	80	-200	60	-260
Angles (Degrees)									
epsilon vert. and steering shaft		>=45	>=45	ALL < 45, preferably 25-40, more preferably 30-35, most preferably 33					

FIG. 8

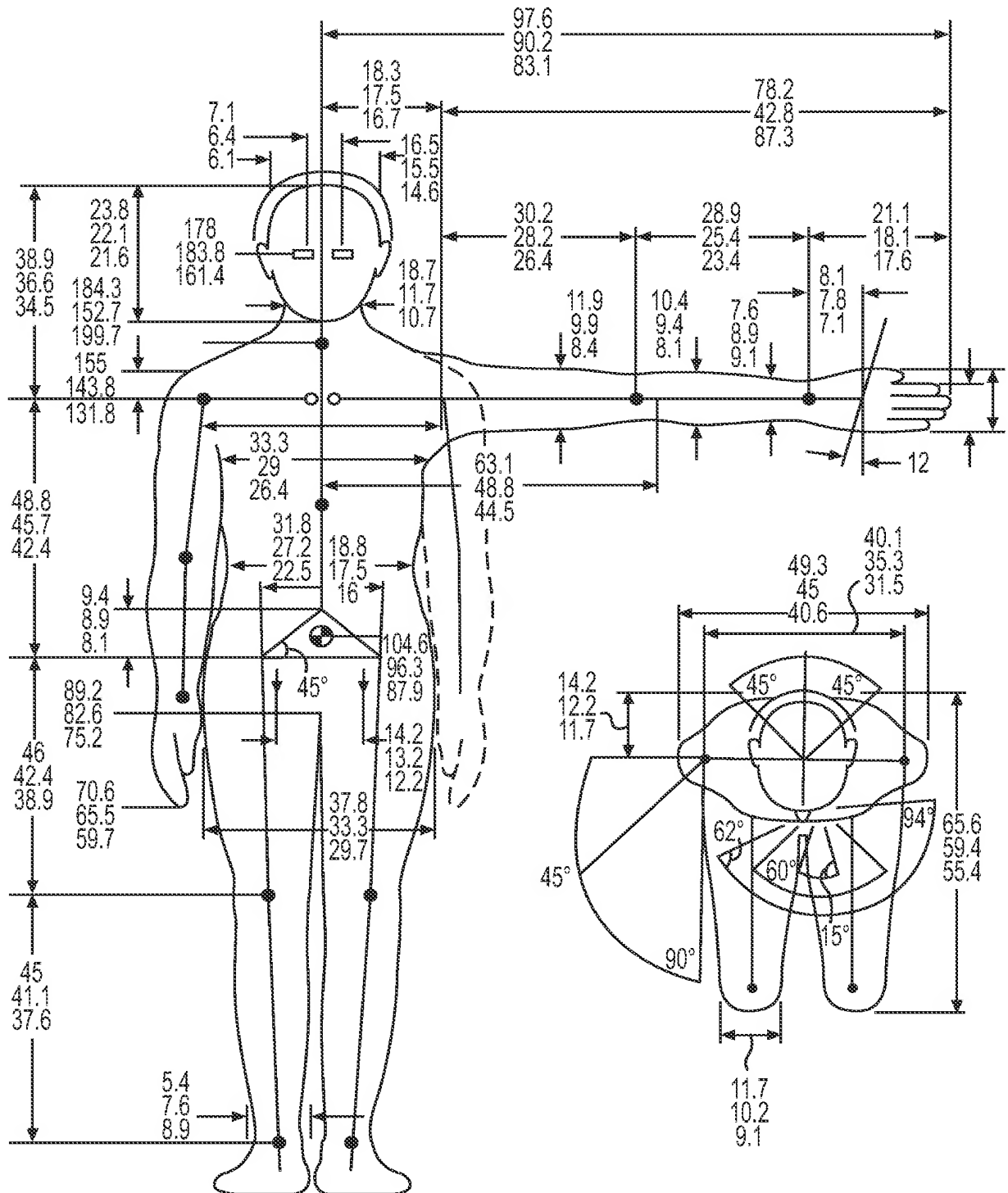


FIG. 9A

FIG. 9B

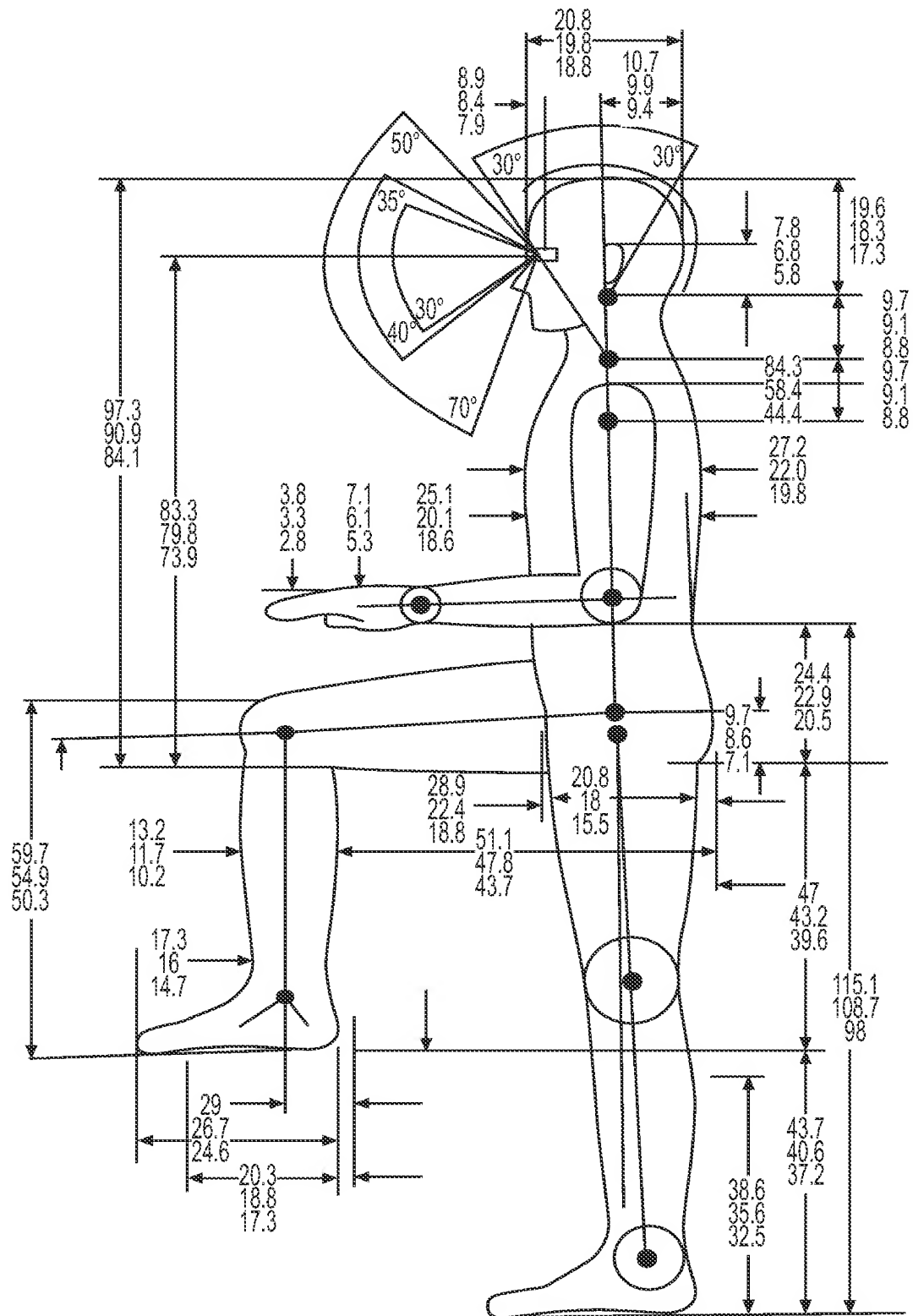


FIG. 10

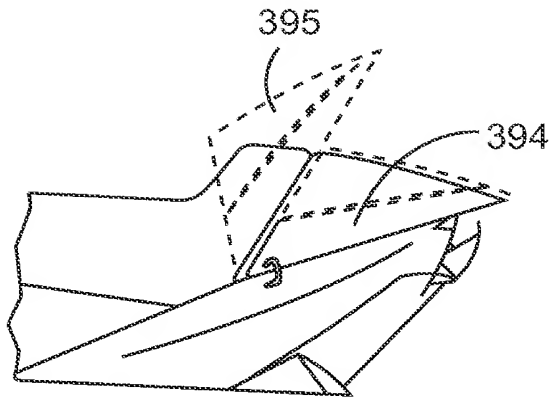


FIG. 11A

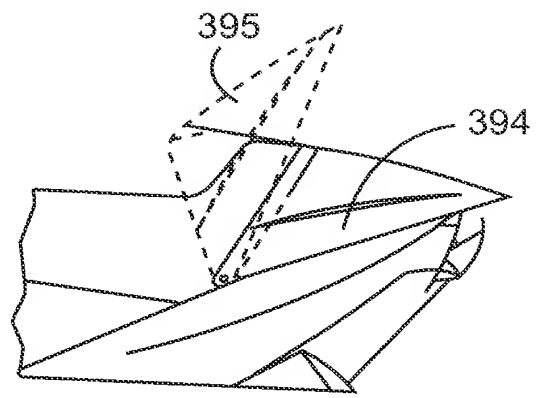


FIG. 11B

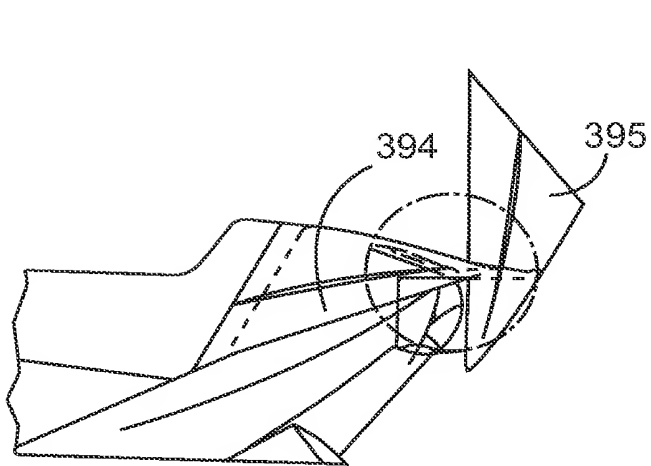


FIG. 11C

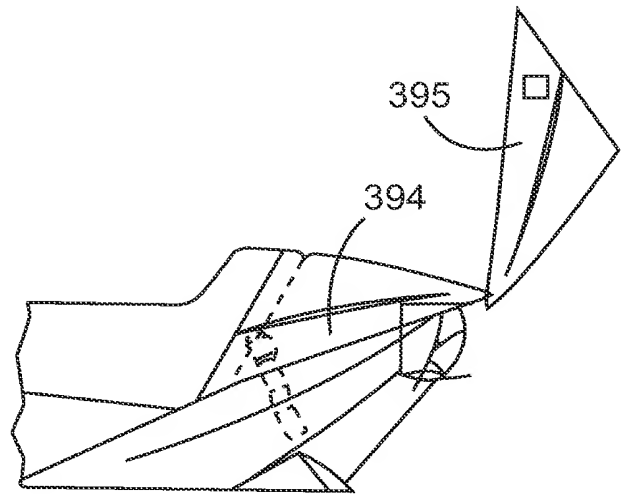


FIG. 11D

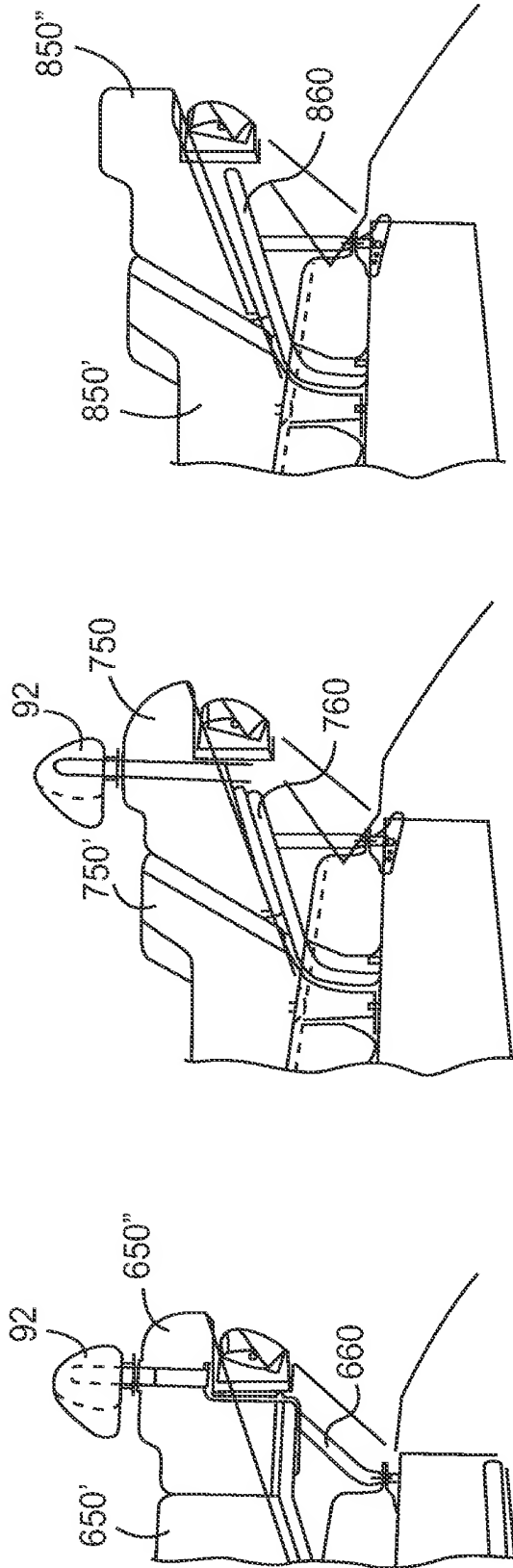


FIG. 12A

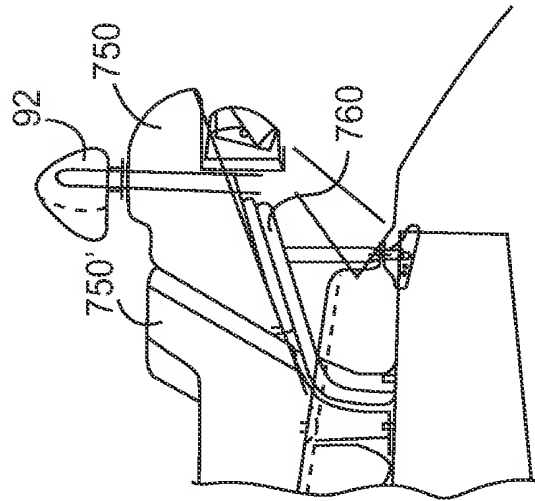


FIG. 12B

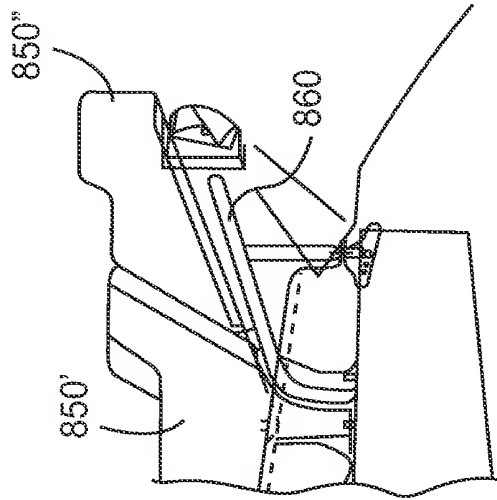


FIG. 12C

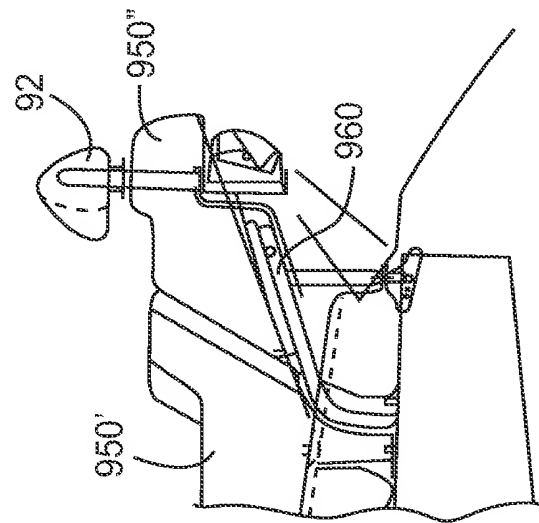


FIG. 12D

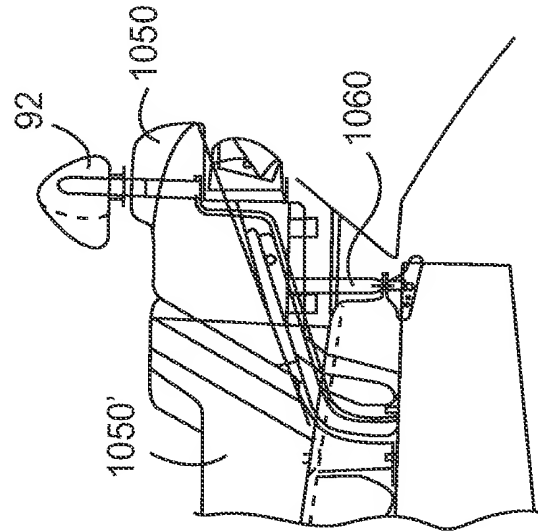


FIG. 12E